

I Claim:

1. A cemented carbide comprising, in weight %:
8-12% Co + Ni, with a Co/Ni weight ratio of 0.25 – 4;
1-2% Cr;
5 0.1-0.3% Mo;
wherein essentially all of the WC grains have a size < 1 μm , and with a magnetic saturation cobalt content which is 80-90% of the chemically-determined cobalt content.
- 10 2. The cemented carbide according to claim 1, further comprising, in weight %:
3-4% Co;
6-8% Ni;
1-1.5% Cr;
0.1% Mo; and
15 balance WC.
3. The cemented carbide according to claim 2, wherein the composition comprises in weight % 3.5% Co, 7% Ni and 1.3% Cr.
- 20 4. The cemented carbide according to claim 1, wherein the composition comprises in weight % 6-7% Co and 2-3% Ni.
5. The cemented carbide according to claim 4, wherein the composition comprises in weight % 6.6% Co and 2.2% Ni.

6. A pressure and flow control component comprising, at least in part, the
cemented carbide of claim 1.

7. The component of claim 6, wherein the component comprises a choke trim
5 compartment.